

In the claims:

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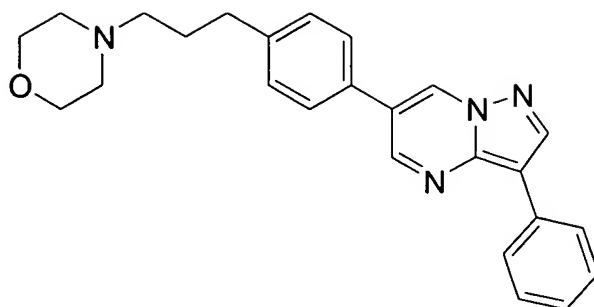
5. (Original) A compound selected from:

1-phenyl-N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]methanamine;
N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]-N-propylamine;
N-(2-methoxyethyl)-N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]butan-1-amine;
N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]cyclopropanamine;
2-methoxy-N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]ethanamine;
1-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl]-N-(pyridin-3-ylmethyl) methanamine;
1-(3-{[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]amino}propyl)pyrrolidin-2-one;
1-(1-benzylpyrrolidin-3-yl)-N-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl] methanamine;
6-[4-{[4-(methylsulfonyl)piperazin-1-yl]methyl}phenyl]-3-phenylpyrazolo[1,5-a] pyrimidine;
1-[3-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl]-N-(pyridin-3-ylmethyl) methanamine;
N-3-[3-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]-beta-alaninamide;
1-phenyl-N-[3-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]methanamine;
N-[3-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)benzyl]-N-propylamine;
6-[4-(3-morpholin-4-ylpropyl)phenyl]-3-phenylpyrazolo[1,5-a]pyrimidine;
3-phenyl-6-[4-(3-piperidin-1-ylpropyl)phenyl]pyrazolo[1,5-a]pyrimidine;
N-1-ethyl-N-2-dimethyl-N-1-{3-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl]propyl} ethane-1,2-diamine;
N-[2-(dimethylamino)ethyl]-1-{3-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl] propyl}-
D-prolinamide;
N-[2-(dimethylamino)ethyl]-1-{3-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl] propyl}-L-
prolinamide;
6-{4-[(4-methylpiperazin-1-yl)carbonyl]phenyl}-3-phenylpyrazolo[1,5-a]pyrimidine;

3-phenyl-6-[4-(piperazin-1-ylcarbonyl)phenyl]pyrazolo[1,5-a]pyrimidine;
4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)-N-pyrrolidin-3-ylbenzamide;
6-{4-[3-(4-methylpiperazin-1-yl)-3-oxopropyl]phenyl}-3-phenylpyrazolo[1,5-a] pyrimidine;
6-[4-(3-oxo-3-piperazin-1-ylpropyl)phenyl]-3-phenylpyrazolo[1,5-a]pyrimidine;
3-[4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)phenyl]-N-pyrrolidin-3-ylpropanamide;
N-[2-(dimethylamino)ethyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)-N-(pyridin-3-ylmethyl)thiophene-2-carboxamide;
N-(2-methoxyethyl)-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
N-(3-morpholin-4-ylpropyl)-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
N-[3-(dimethylamino)-2,2-dimethylpropyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
N-[2-(diethylamino)ethyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
N-[3-(1H-imidazol-1-yl)propyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)thiophene-2-carboxamide;
4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)-N-(2-pyridin-3-ylethyl)thiophene-2-carboxamide;
N-[2-(1-methylpyrrolidin-2-yl)ethyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl) thiophene-2-carboxamide;
N-[(1-ethylpyrrolidin-3-yl)methyl]-4-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl) thiophene-2-carboxamide;
N-[2-(dimethylamino)ethyl]-6-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)pyridine-2-carboxamide;
and
N-(2-aminoethyl)-6-(3-phenylpyrazolo[1,5-a]pyrimidin-6-yl)pyridine-2-carboxamide;

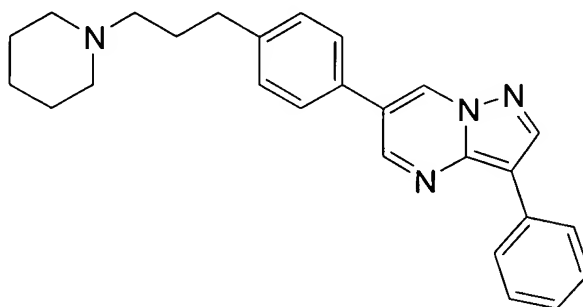
or a pharmaceutically acceptable salt or stereoisomer thereof.

6. (Original) The compound according to Claim 5 which is
6-[4-(3-morpholin-4-ylpropyl)phenyl]-3-phenylpyrazolo[1,5-a]pyrimidine



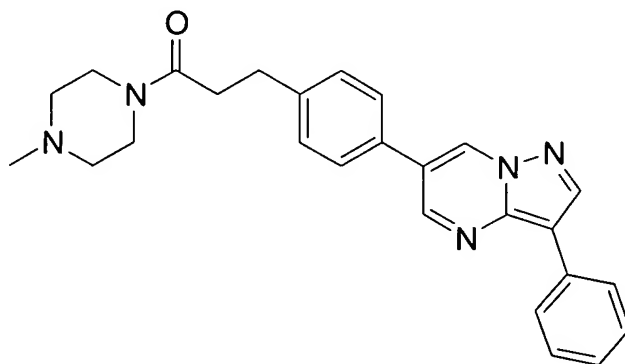
or a pharmaceutically acceptable salt or stereoisomer thereof.

7. (Original) The compound according to Claim 5 which is
3-phenyl-6-[4-(3-piperidin-1-ylpropyl)phenyl]pyrazolo[1,5-a]pyrimidine



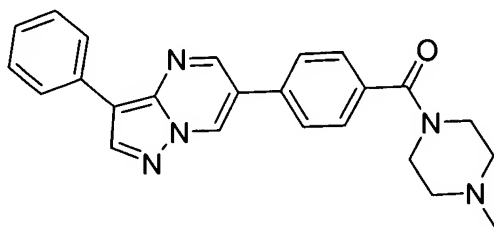
or a pharmaceutically acceptable salt or stereoisomer thereof.

8. (Original) The compound according to Claim 5 which is
6-{4-[3-(4-methylpiperazin-1-yl)-3-oxopropyl]phenyl}-3-phenylpyrazolo[1,5-a] pyrimidine



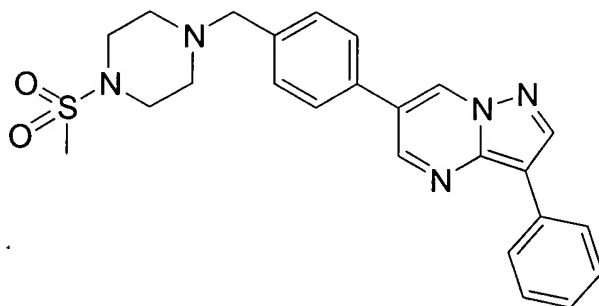
or a pharmaceutically acceptable salt or stereoisomer thereof.

9. (Original) The compound according to Claim 5 which is
6-{4-[(4-methylpiperazin-1-yl)carbonyl]phenyl}-3-phenylpyrazolo[1,5-a]pyrimidine



or a pharmaceutically acceptable salt or stereoisomer thereof.

10. (Original) The compound according to Claim 5 which is
6-(4-{[4-(methylsulfonyl)piperazin-1-yl]methyl}phenyl)-3-phenylpyrazolo[1,5-a] pyrimidine



or a pharmaceutically acceptable salt or stereoisomer thereof.

11. (Amended) A pharmaceutical composition which is comprised of a
compound in accordance with Claim ~~4~~ 5 and a pharmaceutically acceptable carrier.

12. (Amended) A method of treating ~~or preventing~~ cancer in a mammal in
need of such treatment which is comprised of administering to said mammal a therapeutically
effective amount of a compound of Claim ~~4~~ 5.

13. (Amended) A method of treating cancer ~~or preventing cancer~~ in
accordance with Claim 12 wherein the cancer is selected from cancers of the brain, breast
carcinoma, genitourinary tract, lymphatic system, stomach, larynx and lung.

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